

# SEQUENCE LISTING

<110> Rabbani, Elazar  
 Stavrianopoulos, Jannis G.  
 Donegan, James J.  
 Liu, Dakai  
 Kelker, Norman E.  
 Engelhardt, Dean L.  
 <120> NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING  
 COMPOSITIONS FOR THERAPEUTIC AND DIAGNOSTIC USE  
 <130> ENZ-53D4.032499  
 <140> 08/978,635  
 <141> 1997-11-25  
 <160> 42  
 <170> PatentIn Ver. 2.0  
 <210> 1  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:peptide  
 <400> 1  
 Phe Phe Gly Ala Ile Ala Gly Phe Leu Glu Gly Gly Trp Glu Gly  
 1 5 10 15  
 Ile Ala Gly  
 20  
 <210> 2  
 <211> 20  
 <212> DNA  
 <213> Bacteriophage T7  
 <220>  
 <400> 2 20  
 ggtctactc  
 <210> 3  
 <211> 15  
 <212> DNA  
 <213> Simian Virus 40  
 <220>  
 <400> 3 15  
 aatat  
 <210> 4  
 <211> 16  
 <212> DNA  
 <213> Simian Virus 40  
 <220>  
 <400> 4 16  
 attcaa  
 <210> 5  
 <211> 19  
 <212> DNA  
 <213> Simian Virus 40  
 <220>  
 <400> 5 19  
 ggtaaatat  
 <210> 6  
 <211> 19  
 <212> DNA  
 <213> Simiann Virus 40  
 <220>  
 <400> 6 19  
 ggtctactc

<210> 7  
 <211> 19  
 <212> RNA  
 <213> Bacteriophage T7  
 <220>  
 <400> 7  
 gguaaaauau 19  
 <210> 8  
 <211> 19  
 <212> RNA  
 <213> Bacteriophage T7  
 <220>  
 <400> 8  
 ggucuacuc 19  
 <210> 9  
 <211> 20  
 <212> RNA  
 <213> Bacteriophage T7  
 <220>  
 <400> 9  
 gggucuacuc 20  
 <210> 10  
 <211> 49  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 10  
 tcgagctctg atcaccacca tggacacgat taacatcgc 49  
 <210> 11  
 <211> 55  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence: oligonucleotide  
 <400> 11  
 tctcgtctct tttttggagg agtgtcgttc ttagcgatgt taatc 55  
 <210> 12  
 <211> 46  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 12  
 tcggagaaag gtaaaattct ctgacatcga actggc 46  
 <210> 13  
 <211> 33  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 13  
 ctcccccttag agagcatgtc agc 33  
 <210> 14  
 <211> 33  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:peptide  
 <400> 14

ctcgggtcta ctcgggtggcg agg 33  
 <210> 15  
 <211> 27  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 15  
 tacgcgaacg caaagtc 27  
 <210> 16  
 <211> 36  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 16  
 tctaaggtaa atataaaaatt tttaag 36  
 <210> 17  
 <211> 40  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 17  
 ctctgaccct aaaatacaca aacaattaga 40  
 <210> 18  
 <211> 92  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 18  
 tcgagctctg atcaccacca tggacacgat taacatcgc 49  
 <210> 19  
 <211> 46  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 19  
 tcggagaaaag gtaaaattct ctgacatcga actggc 46  
 <210> 20  
 <211> 106  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 20  
 tcgagctctg atcaccacca tggacacgat taacatcgct aagaacgaca 60  
 aaagagaaaag gtaaaattct ctgacatcga actggc 106  
 <210> 21  
 <211> 50  
 <212> DNA  
 <213> Bacteriophage T7  
 <220>  
 <400> 21  
 ttaacatcgc taagaacgac ttctctgaca togaactggc 50  
 <210> 22  
 <211> 77  
 <212> DNA

<213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 22  
 ttaacatcgc taagaacgac actcctccaa aaaagagaaa ggtaaaattc 60  
 aactggc 77  
 <210> 23  
 <211> 69  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 23  
 ccagatctga gcctgggagc tctctggcta actagggaac ccactgctta 60  
 69  
 <210> 24  
 <211> 69  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 24  
 gcttaagcag tgggttcctt agttagccag agagctccca ggctcagatc 60  
 69  
 <210> 25  
 <211> 61  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 25  
 ggctctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 60  
 61  
 <210> 26  
 <211> 61  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 26  
 gaggtcttcg tcgctgtctc cgcttcttcc tgccatagga gagcctaahh 60  
 61  
 <210> 27  
 <211> 62  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 27  
 aatagagtta ggcagggata ctcaccatta tcgtttcaga cccacctccc 60  
 62  
 <210> 28  
 <211> 62  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 28  
 ggtgggtctg aaacgataat ggtgagtatc cctgcctaac tctattcact 60  
 62

<210> 29  
 <211> 30  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 29 30  
 taacaaagcc cgaaaggaag  
 <210> 30  
 <211> 28  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 30 28  
 atagttcctc ctttcagc  
 <210> 31  
 <211> 70  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 31 60  
 gcttaaggat ccgtacgtcc ggagctagcg ggcccatcga tactagttaa  
 70  
 <210> 32  
 <211> 70  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 32 60  
 gcatttaact agtatcgatg ggcccgctag ctccggacgt acggatcctt  
 70  
 <210> 33  
 <211> 29  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 33 29  
 attcgactca ctatacgga  
 <210> 34  
 <211> 29  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 34 29  
 ctgagtgata tgcctctag  
 <210> 35  
 <211> 72  
 <212> DNA  
 <213> Artificial Sequence  
 <220>  
 <223> Description of Artificial Sequence:oligonucleotide  
 <400> 35 60  
 gaggcttaag cagtgggttc cctagttagc cagagagctc ccaggctcag  
 72  
 <210> 36

at

<211> 72  
<212> DNA  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence:oligonucleotide  
<400> 36  
ccagatctga gcctgggagc tctctggcta actaggggaac ccactgctta 60  
72  
<210> 37  
<211> 66  
<212> DNA  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence:oligonucleotide  
<400> 37  
ttgaggaggt cttcgtcgct gtctccgctt cttcctgcca taggagagcc 60  
66  
<210> 38  
<211> 66  
<212> DNA  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence:oligonucleotide  
<400> 38  
ggctctcta tggcaggaag aagcggagac agcgacgaag acctcctcaa 60  
66  
<210> 39  
<211> 65  
<212> DNA  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence:oligonucleotide  
<400> 39  
ggaggtgggt ctgaaacgat aatgggtgagt atccctgcct aactctattc 60  
65  
<210> 40  
<211> 65  
<212> DNA  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence:oligonucleotide  
<400> 40  
aatagagtta ggcagggata ctcaccatta tcgtttcaga cccacctccc 60  
65  
<210> 41  
<211> 67  
<212> DNA  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence:oligonucleotide  
<400> 41  
cctgcaggtc gactctagac ccgggtaccg agctcgccct atagtgagtc 60  
67  
<210> 42  
<211> 67  
<212> DNA  
<213> Artificial Sequence  
<220>  
<223> Description of Artificial Sequence:oligonucleotide  
<400> 42

cg

cgactcacta tagggcgagc tcggtaccg ggtctagagt cgacctgcag 60  
67